

DAMAGE SURVEY REPORT (DSR)
Emergency Watershed Protection Program – Recovery

Section 1A

Date of Report: 04/20/2006

DSR Number: 103-05-220K Project Number: _____

NRCS Entry Only

Eligible: YES ☒ NO ☐
Approved: YES ☒ NO ☐
Funding Priority Number (from Section 4) 3e
Limited Resource Area: YES ☐ NO ☒

Section 1B Sponsor Information

Sponsor Name: City of Covington

Address: 609 Columbia Street

City/State/Zip: Covington, LA 70433-2707

Telephone Number: (985) 892-1811

Fax: (985) 898-4723

Section 1C Site Location Information

County: St. Tammany

State: LA

Congressional District: 01

Latitude: See Comments

Longitude: See Comments

Section: 19,20,24,25 Township: 6S, 7S Range: 10E, 11E

UTM Coordinates: 15N

Drainage Name: Rattlesnake Branch and other minor channels Reach: Rattlesnake, Division Outfall, Beth, Charitat, Boone

Damage Description: Debris impacting capacity/drainage of channels. Debris mostly trees - light to medium with complexities

Section 1D Site Evaluation

All answers in this Section must be YES in order to be eligible for EWP assistance.

Site Eligibility	YES	NO	Remarks
Damage was a result of a natural disaster?*	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Hurricane Katrina 29 August 2005
Recovery measures would be for runoff retardation or soil erosion prevention?*	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Threat to life and/or property?*	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Event caused a sudden impairment in the watershed?*	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Imminent threat was created by this event?**	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
For structural repairs, not repaired twice within ten years?***	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Site Defensibility			
Economic, environmental, and social documentation adequate to warrant action (Go to pages 3, 4, 5 and 6 ***)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Proposed action technically viable? (Go to Page 9 ***)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Have all the appropriate steps been taken to ensure that all segments of the affected population have been informed of the EWP program and its possible effects? YES ☒ NO ☐

Comments: Beginning and Ending Coordinates are on Permit Map Attachment A

* Statutory

** Regulation

*** DSR Pages 3 through 5 are required to support the decisions recorded on this summary page. If additional space is needed on this or any other page in this form, add appropriate pages.

Section 1E Proposed Action

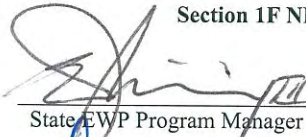
Describe the preferred alternative from Findings: Section 5 A:

The proposed action is the preferred alternative. The proposed action is the least costly alternative that achieves the restoration objectives, maximizes environmental benefits, and is socially acceptable.

Total installation cost identified in this DSR: Section 3: \$ _____

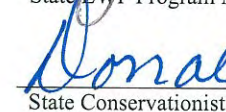
Section 1F NRCS State Office Review and Approval

Reviewed By:


State EWP Program Manager

Date Reviewed: 7/18/06

Approved By:


State Conservationist

Date Approved: 7/24/06

PRIVACY ACT AND PUBLIC BURDEN STATEMENT

NOTE: The following statement is made in accordance with the Privacy Act of 1974, (5 U.S.C. 552a) and the Paperwork Reduction Act of 1995, as amended. The authority for requesting the following information is 7 CFR 624 (EWP) and Section 216 of the Flood Control Act of 1950, Public Law 81-516, 33 U.S.C. 701b-1; and Section 403 of the Agricultural Credit Act of 1978, Public Law 95334, as amended by Section 382, of the Federal Agriculture Improvement and Reform Act of 1996, Public Law 104-127, 16 U.S.C. 2203. EWP, through local sponsors, provides emergency measures for runoff retardation and erosion control to areas where a sudden impairment of a watershed threatens life or property. The Secretary of Agriculture has delegated the administration of EWP to the Chief or NRCS on state, tribal and private lands.

Signing this form indicates the sponsor concurs and agrees to provide the regional cost-share to implement the EWP recovery measure(s) determined eligible by NRCS under the terms and conditions of the program authority. Failure to provide a signature will result in the applicant being unable to apply for or receive a grant the applicable program authorities. Once signed by the sponsor, this information may not be provided to other agencies, IRS, Department of Justice, or other State or Federal Law Enforcement agencies, and in response to a court or administrative tribunal.

The provisions of criminal and civil fraud statutes, including 18 U.S.C. 286, 287, 371, 641, 651, 1001; 15 U.S.C. 714m; and 31 U.S.C. 3729 may also be applicable to the information provided. According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0578-0030. The time required to complete this information collection is estimated to average 117/1.96 minutes/hours per response, including the time for reviewing instructions, searching existing data sources, field reviews, gathering, designing, and maintaining the data needed, and completing and reviewing the collection information.

USDA NONDISCRIMINATION STATEMENT

"The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or part of an individual's income is derived from any public assistance program. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at (202)720-2600 (voice and TDD). To file a complaint of discrimination, write to USDA, Director, Office of Civil Rights, 1400 Independence Avenue, SW., Washington, DC 20250-9410, or call (800)795-3272 (voice) or (202) 720-6382 (TDD). USDA is an equal opportunity provider and employer.

Civil Rights Statement of Assurance

The program or activities conducted under this agreement will be in compliance with the nondiscrimination provisions contained in the Titles VI and VII of the Civil Rights Act of 1964, as amended; the Civil Rights Restoration Act of 1987 (Public Law 100-259); and other nondiscrimination statutes: namely, Section 504 of the Rehabilitation Act of 1973, Title IX of the Amendments of 1972, the Age Discrimination Act of 1975, and the Americans with Disabilities Act of 1990. They will also be in accordance with regulations of the Secretary of Agriculture (7 CFR 15, 15a, and 15b), which provide that no person in the United States shall on the grounds of race, color, national origin, gender, religion, age or disability, be excluded from participation in, be denied the benefits of, or otherwise subjected to discrimination under any program or activity receiving Federal financial assistance from the U.S. Department of Agriculture or any agency thereof.

Section 2 Environmental Evaluation

2A Resource Concerns	2B Existing Condition	2C Alternative Designation		
		Proposed Action	No Action	Alternative
		Remove and dispose of debris from the channel using only one side of the channel for access.	Leave all debris in the channel	Remove and dispose of debris from the channel using both sides of the channel for access
2D Effects of Alternatives				
Soil				
Bank Erosion	Disturbed soils from tree falls and uprooting = 20T/ac	Removal of debris will allow for reveg-reduce erosion to 5T/ac	Disturbed soils from tree falls and uprooting = 20T/ac	Removal of debris will allow for reveg-reduce erosion to 10T/ac
Soil Quality	Soil quality reduced	Soil quality improved	Soil quality reduced	Soil quality improved
Water				
Downstream water rights				
DO	Lowered DO due to decreased water flow	Remove debris/increase flow/increase DO	Lowered DO due to decreased water flow	Remove debris/increase flow/increase DO
BOD	Increased BOD from debris decomposition	Remove debris - lower BOD	Increased BOD from debris decomposition	Remove debris - lower BOD
Overall stream health	Man made channels SVAP N/A	Man made channels SVAP N/A	Man made channels SVAP N/A	Man made channels SVAP N/A
Air				
Particulates/dust	No effect	Slight increase during removal operations	No effect	Slight increase during removal operations
Plant				
Riparian plants	Downed trees limiting growth of some riparian vegetation	Short term impacts to riparian veg as a result of access work	Downed trees limiting growth of some riparian vegetation	Short term impacts to riparian veg as a result of access work
Animal				
Aquatic organisms	Impaired water quality = impaired aquatic habitat	Improve water quality --> improve aquatic habitat	Impaired water quality = impaired aquatic habitat	Improve water quality --> improve aquatic habitat
Upland habitat	No real impact	Short term impact due to veg disturbance w/ access	No real impact	Short term impact due to veg disturbance w/ access
Other				
Aesthetics	Aesthetics slightly impaired by debris	Short term impact from work	Aesthetics slightly impaired by debris	Short term impact from work
Vector	Potential for increased vectors - stagnant water	Potential decreased vectors	Potential for increased vectors - stagnant water	Potential decreased vectors

Section 2E Special Environmental Concerns

Resource Consideration	Existing Condition	Alternatives and Effects		
		Proposed Action	No Action	Alternative
Clean Water Act Waters of the U.S.	CWA jurisdiction - No 404 permit required if debris left in channel	CWA jurisdiction - 404 permit required	CWA jurisdiction - No 404 permit required if debris left in channel	CWA jurisdiction - 404 permit required
Coastal Zone Management Areas	Not within the coastal zone	Not applicable	Not applicable	Not applicable
Coral Reefs	Not applicable	Not applicable	Not applicable	Not applicable
Cultural Resources	None observed on site. Cross reference with state leader	None observed on site. Cross reference with state leader	None observed on site. Cross reference with state leader	None observed on site. Cross reference with state leader
Endangered and Threatened Species	None observed on site; 8 known for parish.	None observed on site; 8 known for parish; no impacts expected	None observed on site; 8 known for parish.	None observed on site; 8 known for parish; no impacts expected
Environmental Justice	Not applicable	Not applicable	Not applicable	Not applicable
Essential Fish Habitat	Not applicable	Not applicable	Not applicable	Not applicable
Fish and Wildlife Coordination	State level review by project type with USFWS and LDWF; consultation not required for debris removal	State level review by project type with USFWS and LDWF; consultation not required for debris removal	State level review by project type with USFWS and LDWF; consultation not required for debris removal	State level review by project type with USFWS and LDWF; consultation not required for debris removal
Floodplain Management				
Invasive Species	Bamboo, privet, Japanese climbing fern, tallow tree, wisteria and Ardesia sp. present in some areas	Invasives likely to colonize disturbed soil areas	Bamboo, privet, Japanese climbing fern, tallow tree, wisteria present in some areas	Invasives likely to colonize disturbed soil areas
Migratory Birds	Some habitat in areas, no real impacts	Short term impacts due to vegetation disturbance from access work	Some habitat in areas, no real impacts	Short term impacts due to vegetation disturbance from access work
Natural Areas	Not applicable	Not applicable	Not applicable	Not applicable
Prime and Unique Farmlands	Not applicable	Not applicable	Not applicable	Not applicable
Riparian Areas	Riparian area impacted by debris in channel --> altered hydrology	Riparian area improved by debris removal/short term impact from access work	Riparian area impacted by debris in channel --> altered hydrology	Riparian area improved by debris removal/short term impact from access work
Scenic Beauty	Not applicable	Not applicable	Not applicable	Not applicable
Wetlands	Not applicable	Not applicable	Not applicable	Not applicable
Wild and Scenic Rivers	Not applicable	Not applicable	Not applicable	Not applicable

Completed By: Kevin StilleyDate: 04/20/2006

DSR NO: 103-05-220K

Section 2F Economic

This section must be completed by each alternative considered (attach additional sheets as necessary).

	Future Damages (\$)	Damage Factor (%)	Near Term Damage Reduction
Properties Protected (Private)			
4 Homes @ \$ 250,000	1,000,000.00	25	250,000.00
6 Homes @ \$300,000	1,800,000.00	25	450,000.00
1 Home @ \$350,000	350,000.00	25	87,500.00
3 Apartments @ \$450,000	1,350,000.00	25	337,500.00
Properties Protected (Public)			
Box Culvert w/3 2'(H) X 3'(W) X 30'(L)	15,000.00	10.00	1,500.00
Business Losses			
Other			
Total Near Term Damage Reduction \$			1,126,500.00
Net Benefit (Total Near Term Damage Reduction minus Cost from Section 3)			

Completed By: Kevin Stilley

Date: 04/20/2005

Section 2G Social Consideration This section must be completed by each alternative considered

(attach additional sheets as necessary).

	YES	NO	Remarks
Has there been a loss of life as a result of the watershed impairment?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No deaths directly attributed to storm but, several deaths have occurred during storm clean-up.
Is there the potential for loss of life due to damages from the watershed impairment?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Has access to a hospital or medical facility been impaired by watershed impairment?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Has the community as a whole been adversely impacted by the watershed impairment (life and property ceases to operate in a normal capacity)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	11 homes and 3 apartment buildings are in this region and could be severely impacted by flood waters if the channel were not cleared.
Is there a lack or has there been a reduction of public safety due to watershed impairment?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Completed By: Kevin Stilley Date: 04/20/2006

DSR NO: _____
103-05-220K

Section 2H Group Representation and Disability Information

This section is completed only for the preferred alternative selected.

Group Representation	Number
American Indian/Alaska Native Female Hispanic	
American Indian/Alaska Native Female Non-Hispanic	
American Indian/Alaska Native Male Hispanic	
American Indian/Alaska Native Male Non-Hispanic	
Asian Female Hispanic	
Asian Female Non-Hispanic	
Asian Male Hispanic	
Asian Male Non-Hispanic	
Black or African American Female Hispanic	
Black or African American Female Non-Hispanic	7
Black or African American Male Hispanic	
Black or African American Male Non-Hispanic	7
Hawaiian Native/Pacific Islander Female Hispanic	
Hawaiian Native/Pacific Islander Female Non-Hispanic	
Hawaiian Native/Pacific Islander Male Hispanic	
Hawaiian Native/Pacific Islander Male Non-Hispanic	
White Female Hispanic	1
White Female Non-Hispanic	29
White Male Hispanic	1
White Male Non-Hispanic	26
Total Group	71

Census tract(s) US Census; American Fact Finder; City of Covington

Completed By: Kevin Stilley Date: 04/20/2006

Section 2I. Required consultation or coordination between the lead agency and/or the RFO and another governmental unit including tribes:

Easements, permissions, or permits:

Access permission - St Tammany Parish government
CWA-Section 404 Permit - Army Corps of Engineers
Water Quality Certification - LA Dept of Water Quality

Mitigation Description:

Work will be done from one side of channel to avoid unnecessary impacts. Debris will be removed from site in more urban area reaches; the debris on the remaining reaches will be cut in small pieces and left on site. If left on site, debris will be placed far enough away from the channel to prevent re-introduction to the channel. Exposed areas will be reseeded with seed mix appropriate to the site conditions.

Work will be done on consecutive days to minimize impacts to local wildlife.

Agencies, persons, and references consulted, or to be consulted:

US Army Corps of Engineers-New Orleans District
LDEQ
LDWF
St Tammany Parish Government

Section 4 NRCS EWP Funding Priority

Complete the following section to compute the funding priority for the recovery measures in this application (see instructions on page 10).

Priority Ranking Criteria	Yes	No		Ranking Number Plus Modifier
1. Is this an exigency situation?	<input type="checkbox"/>	<input type="checkbox"/>		3e
2. Is this a site where there is serious, but not immediate threat to human life?	<input type="checkbox"/>	<input type="checkbox"/>		
3. Is this a site where buildings, utilities, or other important infrastructure components are threatened?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
4. Is this site a funding priority established by the NRCS Chief?	<input type="checkbox"/>	<input type="checkbox"/>		
The following are modifiers for the above criteria			Modifier	
a. Will the proposed action or alternatives protect or conserve federally-listed threatened and endangered species or critical habitat?				
b. Will the proposed action or alternatives protect or conserve cultural sites listed on the National Register of Historic Places?				
c. Will the proposed action or alternatives protect or conserve prime or important farmland?				
d. Will the proposed action or alternatives protect or conserve existing wetlands?				
e. Will the proposed action or alternatives maintain or improve current water quality conditions?			E	
f. Will the proposed action or alternatives protect or conserve unique habitat, including but not limited to, areas inhabited by State-listed species, fish and wildlife management area, or State identified sensitive habitats?				

Enter priority computation in Section 1A, NRCS Entry, Funding priority number.

Remarks:

DSR NO: 103-05-220K

Section 5A Findings

Finding: Indicate the preferred alternative from Section 2 (Enter to Section 1E):

The proposed action is the preferred alternative. The proposed action is the least costly alternative that achieves the restoration objectives, maximizes environmental benefits and is socially acceptable.

I have considered the effects of the action and the alternatives on the Environmental Economic, Social; the Special Environmental Concerns; and the extraordinary circumstances (40 CFR 1508.27). I find for the reasons stated below, that the preferred alternative:

☒ Has been sufficiently analyzed in the EWP PEIS (reference all that apply)
Chapter 5.2.2.1.2
Chapter _____
Chapter _____
Chapter _____
Chapter _____

_____ May require the preparation of an environmental assessment or environmental impact statement.
The action will be referred to the NRCS State Office on this date:

NRCS representative of the DSR team

Title: District Conservationist Date: 7/14/06

Section 5B Comments:

Section 5C

Sponsor Concurrence:

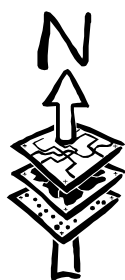
Sponsor Representative

Title: Candace Watkins Date: 7/13/06

Section 6 Attachments:

- A. Location Map
- B. Site Plan or Sketches
- C. Other (explain)

Permit map of DSR 103-05-220K St.Tammany



Legend

- Smith Branch
- Rattlesnake Branch
- Beth Creek
- Charitat Creek
- Division Outfall
- Boone Creek
- Beech Creek

Topo Quad Madisonville
Section 19, 20, 24, 25
Township 6S 7S
Range 10 E, 11 E

0 1,125 2,250 4,500
Feet